

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1-4. (Canceled)

5. (Currently amended) Antenna An antenna coil, characterized as having a flat-bar-shaped base component, comprising:

a flat, approximately right-angled parallelepiped shape base component including a flat-shaped tab on each corner of the base component;

a first coil wound such that its axis is the around a first groove along an X-axis of the aforementioned base component;

a second coil wound such that its axis is the around a second groove along a Y-axis of the aforementioned base component; and

a third coil wound such that its axis is the around a third groove along a Z-axis of the aforementioned base component; and such that there is a groove in at least one part,

wherein each tab has a quarter-circle, fan-shaped configuration and includes at least a first, second, and third wall, each of which forms a lateral wall of the first, second, and third grooves, respectively.

6-7. (Canceled)

8. (Currently amended) Antenna The antenna coil in any of Claims 1 to 7 of claim 5, characterized in that one of the four ends in the various aforementioned wherein a first end component of each of the first, second, and third coils is connected to a respective common terminal and the remaining three ends are a second end component of each of the first, second, and third coils is each connected to a different terminals, terminal thereby providing four terminals.

9. (Currently amended) Antenna The antenna coil found in Claim of claim 8, and characterized in that the wherein a winding end side end component of each of the aforementioned first, second, and third coil, the winding start side end component of the aforementioned second coil, and the winding stop side end terminal of the aforementioned third coil are coils is connected to the aforementioned common terminal.

10. (New) The antenna coil of claim 5, wherein each of the first, second, and third coils has a plurality of loops which are adjusted to produce electric and magnetic fields of approximately equal intensities.

11. (New) The antenna coil of claim 5 or claim 10, wherein the antenna coil is placed inside a resin case.